

Elite

The Elite Mattress Replacement System provides a cost effective solution for both the prevention and treatment of pressure ulcers in any healthcare environment. Unique weight setting technology incorporated into the pump unit adjusts the cell pressure within the mattress, according to the selected patient weight. With a fully encased layer of visco-elastic foam beneath the cells for added support, the Elite mattress combines a comfortable support surface and alternating therapy, suitable for patients at Very High Risk of developing pressure ulcers.



Technical Specifications

Product Code	PA5550M	Fire Retardancy	BS6807 Ignition Source 2
Maximum Weight Limit	30 stones / 190 kgs	Power Unit Dimensions	29.1 cm x 20cm x 11.7 cm
Minimum Weight Limit	6.3 stones / 40 kgs	Power Unit Weight	2.8 kgs
Risk Factor	Very High Risk*	Power Requirements	
Warranty	2 years	Safety Standards	IEC 601/1 BS5724 Part 1
Cell Design	16 individual cells	Voltage	AC 220-240v 50/60Hz
Operating Cycle	10 minutes	Noise Level	NC30
Mattress Dimensions (inflated)	188cm x 89cm x 17.5cm	Power Input	16w
Mattress Weight	3 kgs	Fuse	T1A, 250V

*All equipment should be used in conjunction with clinical judgement and assessments dependent on individual patient morphology. Essential nursing care is pivotal in providing the optimum pressure ulcer prevention plan.

Support Surface

Features	Benefits
Entire mattress cell system (excluding foam) can be removed and laundered	Aids decontamination protocols
Waterproof, multi stretch, vapour permeable PU cover, impregnated with Acti-fresh biocide	Reduces shear and friction forces whilst aiding infection control
High frequency welded seams and integral covered hoses	Reduces possibility of fluid ingress to aid infection control
Heavy duty endurance fabric base sheet	Reduces possibility of damage from bed frame whilst prolonging the longevity of the mattress
Available in 3 lengths	Facilitates all patient requirements including the use of a bed extension piece
5cm layer of visco-elastic foam base	Provides added support whilst acting as the emergency pressure dispersion in case of power failure
Independent cell construction	All cells can be individually replaced to help reduce ongoing costs
CPR facility tag	Allows rapid deflation of mattress within 10 seconds
Timed static mode	Provides a firm support surface for a healthcare professional to work on. If not overridden manually this will automatically revert back to alternating mode after 20 minutes
Securing straps	Provide added stability and ensure the mattress is kept in position on the bed frame
Simple transport mode and static mattress facility	For ease of use through connecting the hoses together
Elite alternating cushion is operated through the cushion function via the same pump unit	Cushion function switches the pump to cushion therapy mode, providing a 24 hour pressure care package for the patient
Range of purchase, lease and hire options	To suit all customer requirements



Pump Unit



Features	Benefits
Adjustable weight guidelines	Ensures optimum pressure relief by automatically adjusting the mattress pressure according to the selected patient weight
Constructed of a strong, lightweight and durable casing	Promotes product longevity
Easy to clean power unit and tactile panel	Combines ease of use with a smooth wipe clean surface ensuring no harbouring of pathogens, unlike traditional dials and switches to aid infection control
Location of conventional fuses on the outside of pump	Minimises disruption and down time
Auto 5 minute panel lock out	Prevents unauthorised setting changes
Normal pressure light	Illuminates once the mattress is at appropriate pressure
Mattress hose connection is situated within a recess in the pump	Protects the hose connection from damage
Audible and visual low pressure and power failure alarms	Distinguishes between low pressure and power failure in dual format ensuring more effective trouble shooting and reduced potential down time
Service light	Illuminates if the pump detects a mechanical failure to reduce potential down time